

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
8 March 2001 (08.03.2001)

PCT

(10) International Publication Number  
**WO 01/16214 A2**

(51) International Patent Classification<sup>7</sup>:

C08J

(21) International Application Number:

PCT/US00/23309

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(22) International Filing Date: 24 August 2000 (24.08.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

09/387,813 1 September 1999 (01.09.1999) US  
Not furnished 16 August 2000 (16.08.2000) US

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— Without international search report and to be republished upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(71)

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A2

WO 01/16214

(54) Title: CHOPPED FIBERGLASS LAMINATE FOR AUTOMOTIVE HEADLINERS AND METHOD OF FABRICATION

(57) Abstract: A chopped fiberglass containing laminate for fabricating sound absorbing moldable structures, such as an automotive headliner is provided. The laminate includes a nonwoven fine denier thermoplastic fiber scrim, a thermoplastic barrier film on one surface and a layer of chopped fiberglass and powder adhesive on the exposed surface of the barrier film. The laminate is combined with a foam core, fiberglass layer and decorative fabric on the fiberglass layer to provide a composite having elongation exceeding 30 % in both machine and transverse directions for forming the headliner. An apparatus and method for forming the laminate are so disclosed.